# code

ADVANCED BARCODE READERS

## PRODUCT REFERENCE GUIDE

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# Performance, efficiency, innovation. Code has been developing leading edge barcode readers for multiple industries since 1997.

From healthcare to manufacturing, event management to law enforcement, retail to OEM, customers rely on us to increase the precision and productivity that their industries demand of them each day.

Our commitment to accuracy and efficiency constantly inspires us to develop our own patented technologies. Be it basic or advanced barcode readers, proprietary symbology, software and more, our successes are measured with each satisfied customer.

Superior technological capabilities. Dedicated product support. Learn how our complete line of products and solutions can improve the vision of your business, one read at a time.

THE ORIGINAL
POWER PLAYER

# CODE READER™ 900FD

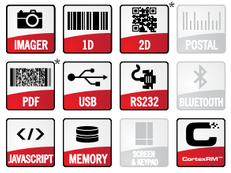
Ideal for growing enterprises, our CR900FD is an entry-level, cabled area imaging barcode reader with flexible decoding capabilities. With out-of-the-box full, omnidirectional reading of standard 1D barcodes you can upgrade to 2D or stacked barcode reading with the purchase of a license key, all at a linear scanner price.

**FEATURES AND BENEFITS:**

- Future proof investment, (upgradeability to stacked and 2D barcode reading)
- Manual or automatic triggering
- User feedback with LED and audible tone
- All-inclusive kits include reader, cable and stand
- Extremely low power consumption
- Disinfectant ready, IP54 housing

**Applications:** Retail point-of-sale, manufacturing, work-in-process, document processing

*Comes with Stand*




*with the purchase of a license key



# CODE READER™ 1000

Featuring high speed, omnidirectional barcode reading, extremely low power consumption and manual or automatic triggering, the CR1000 is the ideal barcode reader for high use environments and excels in reading mobile coupons, ticketing and kiosk applications.

**FEATURES AND BENEFITS:**

- Intuitive bright blue aiming bar
- Reads barcodes reliably off mobile device screens
- Manual or automatic triggering
- User feedback with LED and audible tone
- All-inclusive kits include reader, cable and stand
- Disinfectant ready, IP54 housing

**Applications:** Healthcare, mobile coupon or ticketing, pharmacy, patrol vehicles, ATMs or kiosks, retail, and manufacturing

*Available Dark Gray Option*

*Optional Stand*

COMPACT, RUGGED;
BUILT TO WORK
WHERE YOU WORK

IMAGER | 1D | 2D | POSTAL
PDF | USB | RS232 | BLUETOOTH
JAVASCRIPT | MEMORY | SCREEN & KEYPAD | CortexM™

# CODE READER™ 1400

Efficient and durable, the CR1400 barcode reader features a high performance scan engine, a patented dual-field optical platform, and intuitive targeting that makes reading 1D and 2D barcodes extremely fast, reliable and affordable. The innovative design of the CR400 makes it one of the smallest, durable area imagers on the market today.

**FEATURES AND BENEFITS:**

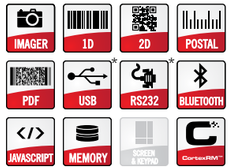
- Glare reduction technology for reading barcodes on shiny surfaces
- Intuitive bright blue aiming bar
- Reads barcodes reliably off mobile device screens
- Manual or automatic triggering
- User feedback with vibration, LED and audible tone
- All-inclusive kits available include reader, cable and stand
- Disinfectant ready, IP54 housing

**Applications:** Healthcare, mobile coupon or ticketing (event, airline, cinema, etc), pharmacy, patrol vehicles, retail and manufacturing

*Optional Stand*

*Available Dark Gray Option*

THE NEXT GENERATION
OF BARCODE READERS




*Available interface for use with the CodeXML® M3 Bluetooth® Modem

# CODE READER™ 2300

From point-of-sale and mobile couponing to e-forms, inventory tracking and more, the Bluetooth® CR2300 is built for retail. It seamlessly integrates with other Bluetooth-enabled devices powered by iOS, Android and Windows operating systems. And the CR2300's high-speed data output and omnidirectional barcode reading keep customer lines moving.

**FEATURES AND BENEFITS:**

- Durable, quick-release, rechargeable battery cartridges
- High speed, omnidirectional reading of 1D and 2D barcodes
- Unequaled performance on rounded, curved and shiny surfaces
- Multiple programmable buttons for customized workflow processes
- Easy to clean, IP43 housing
- Reads barcodes on cell phone screens
- CortexRM™ Barcode Remote Management ready
- Powerful data management capability with JavaScript

*CR2300 with Charging Station*

**Applications:** Retail, manufacturing, mobile POS, manufacturing, warehouse, scanning highly reflective barcodes

# CODE READER™ 2600

THE NEXT GENERATION OF BARCODE READERS

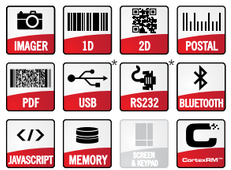
Integrating our patented, feature-rich technologies into a sleek, ergonomic design, the CR2600 sets a new standard in barcode reading technology. By scanning a QuickConnect barcode, the CR2600 quickly establishes a Bluetooth connection between the reader and host device, or a secure connection to an existing network infrastructure – enabling you to transmit barcoded data into any application.

Available in both palm and handled configurations with quick-release, rechargeable battery cartridges, this reader is a truly mobile solution.

**FEATURES AND BENEFITS:**

- Durable, quick-release, rechargeable battery cartridges with battery status LED fuel gauge indicator
- Compatible with Bluetooth supported mobile devices
- Multiple programmable buttons for customized work flow processes
- User feedback with vibration, LED and audible tone
- Paging button to assist in locating reader
- All-inclusive kits include reader, battery cartridge and charging station with embedded CodeXML™ M3 Bluetooth modem
- Easy to clean, disinfectant ready, IP65 housing

**Applications:** Healthcare, manufacturing, warehouse, scanning highly reflective barcodes




*Available interface for use with the CodeXML® M3 Bluetooth® Modem



## CR2600 Charging Station

- For use with both CR2600 palm and handled readers
- Available with or without an embedded CodeXML® Modem
- LED charging indicator
- USB or power supply charging
- Charge time approximately 4 hours via USB cable and 2-3 hours via AC power supply
- Dimensions: 2.4" H x 3.3" W x 4.5" L

**Charging Station with an embedded CodeXML® Modem:**

- Page button to assist in locating the reader
- USB Charging and modem interface

## Quad-Bay B5 Battery Charging Station

- For use with CR2600 B5 battery cartridges
- Simultaneous charging of up to 4 B5 battery cartridges
- Individual bay LED charging status indicators
- Charge time approximately 2-3 hours via AC power supply
- Dimensions: 2.3" H x 3.2" W x 5.2" L

# CODE READER™ 3600 / CODE READER™ 3600 DPM

This sleek, wireless reader is available in standard 1D/2D or Direct Part Mark barcode reading mode. Its high definition color screen and keypad allow for manual data entry in real time and instant visibility of scanned information—from detailed inventory applications to event management, age verification and component tracking. And the CR3600's pre-programmed applications make managing multiple workflow operations simple, fast and cost-effective.

**FEATURES AND BENEFITS:**

- High speed, omnidirectional reading of 1D, 2D and Postal barcodes
- DPM reading configuration available for dot peen and laser etched barcode reading
- Durable, quick-release, rechargeable battery cartridges
- User feedback with vibration, audible tones and LED
- LCD display with user feedback
- Multiple programmable buttons for customized work flow processes
- IP54 housing securely protects electronics and optics
- CortexRM™ Remote Management ready
- Powerful data management capability with JavaScript

**Applications:** Public safety, event management, retail, warehouse, inventory control, shipping/receiving, manufacturing, age/ID verification

*Palm configuration with charging station.*

*Available interface for use with the CodeXML® M3 Bluetooth® Modem

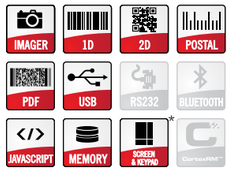
# CODE READER™ 4405

The CR4405 sled transforms the Apple® iPhone® 5 into an aggressive 2D barcode reader. The CR4405 is a lightweight ergonomic housing that is durable enough to handle the rigorous data collection needs of healthcare, retail and manufacturing industries.

**FEATURES AND BENEFITS:**

- High speed, high performance reading of 1D and 2D barcodes
- Intuitive bright blue aiming bar
- Replaceable, rechargeable IP65 battery cartridge
- Durable protective screen
- Multiple locking clips to securely hold the iPhone in place
- Software Development Kit for custom barcode reading applications
- Multiple charging options available include a single-bay and quad-bay charging station
- Disinfectant ready, IP54 housing

**Applications:** Healthcare, manufacturing, warehouse, retail, event management




*Screen and keypad are available via iPhone. Apple and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries.

# CODE READER™ 6000

Rugged and versatile, this industrial grade Direct Part Mark (DPM) imager is ideal for high-traffic component tracking in tough manufacturing environments. The CR6000 effortlessly reads laser-etched, embossed, dot peen, low-contrast and postal barcodes, while easily decoding dense and extremely small barcodes. Designed with multiple illumination fields, the CR6000 intuitively selects the field that is most efficient at reading each barcode type. This results in quick and accurate data collection.

**FEATURES AND BENEFITS:**

- Reads laser-etched and dot peen marks
- Reads color and low-contrast barcodes
- Reads 1D, 2D and postal barcodes
- IP54 housing securely protects against dust and debris
- Small form factor for operator comfort
- Integrated metal clip or hook holder for ease of placement and retrieval
- User feedback with programmable LED, audible tone and vibrating good read indicators
- Operates hands-free or handheld
- Compatible with Code's CortexTools™ software configuration utility
- Data editing and parsing with JavaScript
- Optional stand

**Applications:** Manufacturing, automotive, heavy equipment, aerospace, and healthcare

*Optional Stand*

# CODE READER™ 8000

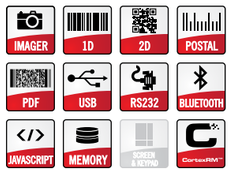
The CR8000 is a miniature optical scan engine that features both a high density field for reading the smallest of barcodes, and a wide angle field for reading oversized barcodes—giving you two readers in one. With a variety of mounting options available, including tabs, blind through holes and mounting brackets, the CR8000 can be integrated into any OEM device.

**FEATURES AND BENEFITS:**

- World-class decoding platform
- Attachable illumination blocks for different applications
- Bright LED aiming mechanism
- Compact size
- Simple to setup and configure
- Easy-to-use JavaScript parsing
- Free Software Developer's Kit
- Built in TTL RS232 or USB interface

**Applications:** Medical devices, ATMs, price-lookup, lottery, age verification, direct parts marking and more

TECHNOLOGICALLY AGILE;
SWIFTLY CAPABLE






# CORE TECHNOLOGIES

**Dual-Field Optics**

This patented, dual-lens design expands the reading range of each Code imager by providing two unique fields of view—high-density and a wide angle—in one device. This technology promotes seamless reads for very wide barcodes or very small, dense barcodes; eliminating the need to change readers in order to change applications.

**Glare Reducing Technology**

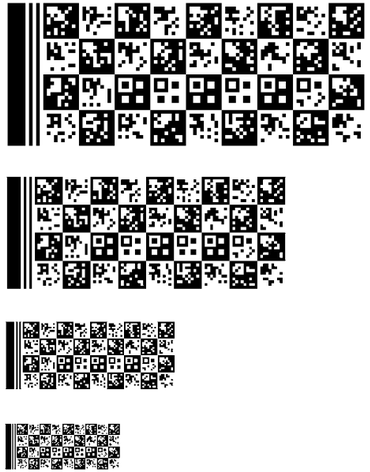
Less glare, more productivity. Barcodes on shiny surfaces can reflect illumination and ambient light, often rendering barcodes unreadable. Code readers are the only 2D-area imagers in the industry equipped with patented glare reduction technology that significantly increases read rates on shiny surfaces, mobile devices or curved surfaces.

# CodeXML® Bluetooth® Modem

These simple hardware solutions allow you to enjoy the benefits of wireless data collection without modifying existing applications or installing software. Simply plug the modem into your computer and you're ready to go. There's no need to load any drivers (including Bluetooth drivers).

- Transmit and receive Bluetooth signals up to 100 meters (300ft)
- 128-bit Bluetooth authentication and encryption (CodeXML® M3 Bluetooth® Modem) or 32-bit encryption (CodeXML® M2 Bluetooth® Modem)
- User-defined pass-phrase generator and downloadable utility
- Bluetooth to keyboard, USB or RS232 output
- Seamless integration with Code barcode readers
- Compatible with Windows NT, XP & 2000, Linux Applications
- Programmable Logic Controller, Unix Applications and legacy terminals
- Simple installation: Plug in the modem to start transmitting wireless data
- CodeXML® M3 Bluetooth® Modem is compatible with three Code barcode readers simultaneously (CodeXML® M2 Bluetooth® Modem connects one Code reader at a time)
- CodeXML® Bluetooth® Modems use Bluetooth technology for secure, reliable communication between Code barcode readers and a host computer or system, that supports USB keyboard and RS-232 input

INNOVATING EXCELLENCE



# GoCODE® BARCODE

We developed GoCode® to secure critical and sensitive data. Designed to fit within a line of text, it features a multi-dimensional, adaptable matrix pattern that can be reproduced on any surface. Its miniaturized, 2D barcode symbology can be optimized for 100% readability at extremely small sizes; improving productivity, security, data access and accuracy.

### Security

GoCode® is a proprietary barcode symbology for companies seeking a private code. It cannot be decoded or copied, making it the perfect solution for counterfeiting problems or applications requiring advanced security. GoCode® can be created with user authentication features, so that critical or sensitive data may only by read by approved readers.

### Size/Density

The only 2D symbology that can operate within the space constraints of common text, GoCode® is the most customizable 2D symbol. It is capable of holding more data than any other 2D symbology available today.

### Readability

GoCode® outperformed all other 2D symbologies in USAF-conducted, harsh-environment testing. Its multi-resolution matrix allows critical data to be retrieved from even the most damaged symbols. GoCode® uses sophisticated error correction algorithms to keep 100% of the data intact—even if more than half of the symbol is damaged.



# CodeOne SERVICE PLANS

Code is committed to excellence. Each of the CodeOne service plans embodies this commitment—as well as our dedication to providing outstanding service and forging strong relationships with our customers.

CodeOne offers you a variety of service and support options designed to make the most of your hardware investment. You can choose from three plans to ensure that your unique support and response time requirements are met.

| STANDARD | PLUS | PREMIER |
|---|---|---|
| No additional cost; standard warranty period. | Enhances the security of a standard warranty; seven-day turnaround; extends the warranty period by a year; discounts on Code products and services. | One-day turnaround; extends the warranty period by two years; offers replacement readers for lost or damaged equipment at discounted rates; greater savings on Code products and services. |

UNMATCHED SERVICE AND SUPPORT.

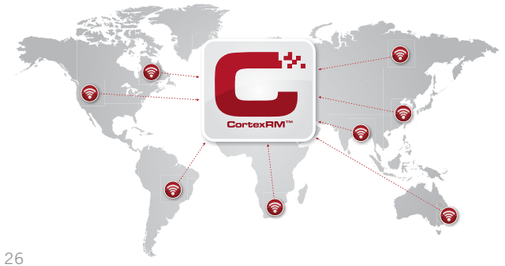
# CortexRM™

**Instant Visibility and Control**

This remote management tool gives your IT department the ability to manage a fleet of Code barcode readers from a single location—by leveraging the same tools being used to manage other hardware devices. CortexRM™ provides instant visibility and control of a bar code reader, no matter where it's located or how it's connected.

The battery life, serial number and firmware version of a reader can be obtained with the push of a button. CortexRM™ also allows administrators to seamlessly download firmware, configuration settings and more—to a single reader, groups of readers or all readers within a network.

CortexRM™ can be used with Code's tethered or Bluetooth®-enabled readers, and allows administrators to monitor a reader's performance to reduce time, cost and on-site service calls associated to reader management. It also significantly increases reader up-time, efficiency and performance.



# CODE READER™ COMPARISON

| | Wired Barcode Readers | | | | Wireless Barcode Readers | | | Sled | Scan Engine |
|---|---|---|---|---|---|---|---|---|---|
| | CR900FD | CR1000 | CR1400 | CR6000 | CR2300 | CR2600 | CR3600 | CR4405 | CR8000 |
| | | | | | | | | | |
| Reads 1D and 2D barcodes | •* | • | • | • | • | • | • | • | • |
| Reads DPM barcodes | | | | • | | | • | | |
| Anti-glare illumination technology | | • | • | • | | • | • | • | • |
| Palm or handled configurations | | | | | | • | • | | |
| Audible tone and LED 'good read' feedback | • | • | • | • | • | • | • | •** | |
| Vibrating 'good read' feedback | | | • | • | | • | • | •** | |
| Dual field optics (wide & high-density fields) | | • | • | • | | • | • | • | • |
| Reads barcodes on cell phone screens | • | • | • | • | • | • | • | • | • |
| Disinfectant ready plastics | | • | • | | | • | | • | |
| Battery fuel gauge | | | | | • | • | • | | |
| Walk-away prevention features | | | | | • | • | • | | |
| LED targeting | • | • | • | • | • | • | • | • | • |
| Wireless via Bluetooth® | | | | | • | • | • | | |
| Wi-Fi | | | | | | | | • | |
| Wired via RS232 or USB connection | • | • | • | • | | | | | • |
| IP Rating | **IP54** | **IP54** | **IP54** | **IP54** | **IP43** | **IP65** | **IP54** | **IP54** | **N/A** |
| CodeOne extended service plan options | • | • | • | • | • | • | • | • | |

*upgradeable to 2D reading with purchase of a license key **available through custom application development

code

ADVANCED BARCODE READERS

www.codecorp.com

C004583_10_ProductBrochure

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